



# HF Happenings 447

South African Radio League 1925 – 2010 Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union Region 1  
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19 and 20 March, SARL VHF and UHF Analogue / Digital Contest

30 March, SARL 80 m Club Contest, digital

2 April, SARL RaDAR Contest

Find the rules in the 2011 SARL Contest Manual

## *Special Note*

Due to the Japanese earthquake/tsunami disaster, it is recommended/suggested to please stay clear of the following emergency frequencies:

Operators JARL and Volunteers — 3 520 - 3 530, 7 025 - 7 035, 14 090 - 14 110, 21 190 - 21 200, 28 190 - 28 210, 50 100, 51 000, 14 100, 14 500, 430 100 and 433 000 kHz.

DXpedition Operators — please kindly consider QSX frequency and RTTY frequency. It is also suggested to stay away from the IARU Region 3 Emergency Centre of Activity frequencies: 3 600, 7 110, 14 300, 18 160 and 21 360 kHz.

## *Happy 21<sup>st</sup> Birthday Namibian Amateur Radio League*

On 21 March 2011, the Namibian Amateur Radio League (NARL) will celebrate their 21<sup>st</sup> birthday and Namibia will celebrate 21 Years of independence.

The NARL says, "To celebrate this great event we have been issued a special event license and call sign, V521NAM. This call sign will be in use from Saturday 19 March 2011 to Monday 21 March 2011. All amateurs in Namibia are allowed to use the special event call sign for the duration of the event.

All QSL traffic should be via the bureau or via e-QSL. All operators are required to send in their logs so the NARL QSL Bureau can send out special QSL cards to all worked stations. Please be on the lookout on all bands and all modes for V521NAM during this weekend. Check-out V521NAM on QRZ.com for more information.

The NARL website can be found at <http://www.qsl.net/narl>

What have you done today for Amateur Radio to make you proud?



**March 2011**

- 5 & 6 - ARRL International DX SSB
- 6 - DARC 10-Metre Digital
- 6 - SARL Hamnet 40 m Simulated Emergency Contest**
- 8 - International Women's Day (not in South Africa)
- 11 and 12 - SARL Strategic Indaba, Gauteng
- 12 - March Madness YL Sprint**
- 12 and 13 - RSGB Commonwealth Contest
- 13 - North American RTTY Sprint
- 14 - Commonwealth Day
- 17 - St Patrick's day
- 19 - Programming in Windows, Cape Town
- 19 and 20 - SARL VHF/UHF Analogue/Digital Contest**
- 19 to 21 - BARTG HF RTTY Contest
- 21 - Human Right's Day; Spring Equinox
- 22 - World Water Day
- 23 - World Meteorological Day
- 25 - Inland schools close
- 26 and 27 - CQ WW WPX SSB Contest
- 30 - SARL 80 m Club Contest, digital**

***Technical Article - dB or not dB?***

Everything you ever wanted to know about decibels but were afraid to ask... True or false: 30 dBm + 30 dBm = 60 dBm? Why does 1% work out to be -40 dB one time but then 0.1 dB or 0.05 dB the next time? These questions sometimes leave even experienced engineers scratching their heads. Decibels are found everywhere, including power levels, voltages, reflection coefficients, noise figures, field strengths and more. What is a decibel and how should we use it in our calculations? This Application Note is intended as a refresher on the subject of decibels.

The article, downloadable from Rohde & Schwarz, may be of interest to radio amateurs. Thanks to the WIA for spotting this very useful guide.

The download link on the WIA website does not work anymore. Luckily I downloaded a copy of the article, so if you are interested in it, send me an e-mail to [zs4bs@netactive.co.za](mailto:zs4bs@netactive.co.za).

***Amateur Radio and the Rugby World Cup***

To promote the Rugby World Cup, New Zealand's Amateur Radio operators are encouraged to use the ZM call sign prefix during September and October 2011. For more information, visit the RWC website at [www.rugbyworldcup.com/](http://www.rugbyworldcup.com/) and the NZART website [www.nzart.org.nz/](http://www.nzart.org.nz/)

***Radio Shack catalogue on-line***

Want to spend some time strolling vicariously through the history of the electronics retailing? Now you can thanks to a website called RadioShackCatalogs.com. The site contains catalogues for the company that dates all the way back to 1939.

Each one is animated in a way that a click of your mouse lets you turn the pages or zoom in to see that special part of an item that evokes a memory of days gone by. The site also has the complete history of the company along with the story of how in 1963, Charles Tandy purchased Radio Shack Corporation when it was on the verge of bankruptcy for only \$300 000 and built it into the mega corporation it is today. Whether or not you are a fan of Radio Shack you will likely get a thrill of this trip back in time. You will find the on-line catalogues at [www.RadioShackCatalogs.com](http://www.RadioShackCatalogs.com)

***2011 International Museums Weekend special event***

The 2011 International Museums Weekend special event will once again be a double-weekend and will take place on 18 and 19 June as well as 25 and 26 June. Radio amateurs are encouraged to participate in this event by setting up stations in their local museums. Harry, M1BYT, who is organising the event, asks that all those intending to take part should register





their museum via e-mail to [harry.m1byt@tiscali.co.uk](mailto:harry.m1byt@tiscali.co.uk). Full details of the event can be found on the International Museums Weekend website at <http://www.ukradioamateur.co.uk/imw>

### *African DX*

Botswana, A2. The Secunda guys are busy again. Lucas, ZS6ACT, Adele, ZR6APT, Sid, ZS6AYC, Gert, ZS6GC, Steffi, ON3AEO, Filip, ON4AEO, Jose, ON4CJK, Kath, ON7BK and others will be active as A25FC from their QTH east of Seika, Botswana (WW Loc KG37xa), on 14 - 18 April 2011. Plans are to be active on 80 - 10 metre SSB, CW, PSK and RTTY. QSL via ON4CJK, direct or via the bureau. Visit the website at [www.filipstattooshop.be/botswana/](http://www.filipstattooshop.be/botswana/)

Togo, 5V. A German group will be active as 5V7CC, from a location outside the capital city of Lome between the sea and Lac Togo, starting in the middle of April to 28 April. Operators mentioned are Werner, DL9MBI, Christian, DL3MBG, Armin, DL5MGH, and Rudi, DL5MEV. Activity will be on 160 - 10 metres using CW, SSB and RTTY. QSL via DL9MBI (Bureau preferred). See QRZ.com for details to QSL direct. Logs will be uploaded to Clublog at <http://www.clublog.org>

Senegal, 6V/6W. Operators Serge, UA0SC, Sergey, UA0SE, Alex, UA0SW, and Igor, RZ0SR, will be active as 6W/homecall from Senegal between 17 and 28 March. QSL via the operator's home call sign. However, during the Russia DX Contest (RDXC - 19 and 20 March) and the CQ WPX SSB Contest (26 and 27 March) they will be active as 6V7D. QSL 6V7D via UA0SE. Activity outside the contest will be on all HF bands and all modes.

Djibouti, J2. Freddy, F5IRO, will be active as J28RO during the CQ WW WPX SSB Contest (26 and 27 March). QSL via F8DFP.

Zimbabwe, Z2. Rudi, DK7PE, will be active as Z22CW from Harare between 20 and 26 March. His main focus will be CW using wire antennas (Jumper Beam/Slopers). He is thankful for the great support of Eric, Z21FO, Fernando, Z21BB and POTRAZ Zimbabwe, because he was issued the call sign Z22CW. QSL via DK7PE. Visit his Web page at <http://www.roody.de>

### *African Islands on the Air*

Marion Island, ZS8 (Reminder/Update). Pierre, ZS1HF/ZS8M, has ceased his ZS8M operation as of Sunday 13 March. He states, "Our polar supply ship arrives on Tuesday 14 March and departs the island on 20 March. If I am able to operate after 20 March, I certainly will. The ZS8M operation officially ends on 5 May." Watch the QRZ.com Web page or the ZS8M Web page at <http://www.iz8epy.it/html/zs8m.html> for updates.

African Italy, AF-018. Operator Raffaele, IH9YMC, will be active from Pantelleria Island (IIA TP-001, MIA MI-124, WW Loc JM56xt), African Italy, during the CQ WW DX SSB Contest (29 and 30 October) as a Single-Op/Single-Band (??)/Low-Power entry. QSL via eQSL.

Maderia, CT3 - AF-014. Helmut, CT9/DF7ZS, is going to activate Madeira (AF-014) using "holiday style" preferably on the WARC bands from 22 to 29 March. QSL via DF7ZS. Helmut will join the WPX SSB Contest in the single OP/all band class as CQ3L. QSLs for CQ3L via DJ6QT.







## *Special Event*

Cameroon, TJ. Henry, TJ3AY, is now active with the special call sign, TJ3FC, until March 30th. Activity is to commemorate the 51<sup>st</sup> anniversary of the "Francophonie". He was spotted this past week on 80, 40, 12, 10 and 6 metres SSB. A special QSL cards has been printed (see QRZ.com). QSL via F5LGE.

Germany, DL0. The special event call sign DLOYLWM will be active between 1 June and 31 July. Activity is to celebrate the "Woman's World Cup 2011" in Germany. There is also a short-term award recognising this event. Further information can be found at

<http://www.darc.de/referate/yl/yl-fussball-wm-2011/yl-wm-diplom-2011/english/>

## *Contest Calendar*

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 7 to 13 March 2011.

### Wisconsin QSO Party

18:00 UTC 13 March to 01:00 UTC 14 March

Mode: CW, Phone

Bands: All, except WARC

Classes: Single Op - Fixed, Mobile or Tech - QRP, Low or High; Multi-Op - Fixed, Mobile or Tech - QRP, Low or High; M/M - Fixed or Mobile - QRP, Low or High; Beginner - QRP, Low or High

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: WI: county; non-WI: state, province or country

Work stations: Once per band per mode

QSO Points: 1 point per Phone QSO; 2 points per CW QSO

Bonus Points: 500 points for mobiles for each county from which you make at least 12 QSOs

Multipliers: WI Stations: WI counties, states, provinces once; Non-WI Stations: WI counties once

Power mults: HP x1.0, LP x1.5, QRP x2.0

Score Calculation: Total score = (total QSO points x power mult x total mults) and bonus points

Submit logs by: 20 April 2011

E-mail logs to: k9kr[at]tds[dot]net

Mail logs to: Wisconsin QSO Party, West Allis Radio Amateur Club, PO Box 1072, Milwaukee, WI 53201, USA

Find rules at:

[http://www.warac.org/wqp/wiqp\\_rules.htm](http://www.warac.org/wqp/wiqp_rules.htm)

### NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 14 March

Mode: CW

Bands: 80, 40 and 20 m

Classes: Single Op

Max power: 5 watts

Exchange: RST, country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 20:00 UTC 17 March 2011

E-mail logs to: submitlog[at]naqcc-eu[dot]org

Upload log at:

<http://www.naqcc-eu.org/autologger/>

Mail logs to: M Ireland MW3YMY, Pen-y-Gadlas, Ffordd Bryniau, Meliden, Prestatyn, Denbighshire LL19 8RD, UK

Find rules at:

<http://naqcc-eu.org/SprintHelp/SprintRules.pdf>



**CLARA HF Contest**

17:00 UTC 15 March to 17:00 UTC 16 March  
and 17:00 UTC 19 March to 17:00 UTC 20 March

Mode: CW, Phone

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op (Low/High)

Max operating hours: 24

Max power: HP: >200 W; LP: 200 W

Exchange: Name, QTH and CLARA member,  
family member or non-member YL/OM

Work stations: Once per band per mode

QSO Points: 5 points per QSO with CLARA  
member; 2 points per QSO with CLARA  
family member; 3 points per QSO with non-  
member YL; 1 point per QSO with OM

Bonus Points: (see rules)

Multipliers: Each Canadian call area once;  
Each DXCC country (must be YL QSO) once

Score Calculation: Total score = total QSO  
points x total mults

Submit logs by: 15 April 2011

E-mail logs to: [ve9glf\[at\]gmail\[dot\]com](mailto:ve9glf[at]gmail[dot]com)

Mail logs to: G. Linda Friars VP CLARA,  
VE9GLF, 35 Upper Quaco Road, Baxter  
Corner, NB E2S 2S2, Canada

Find rules at:

[http://clara.hfradio.net/?page\\_id=145](http://clara.hfradio.net/?page_id=145)

**QRP Fox Hunt**

01:00 - 02:30 UTC 16 March

Mode: CW

Bands: 80 m Only

Classes: Single Op - Fox or Hound

Max power: 5 watts

Exchange: RST and state, province or  
country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO  
points

Submit logs by: 02:30 UTC 17 March 2011

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

[http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

**RSGB 80 m Club Championship, CW**

20:00 - 21:30 UTC 16 March

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 23 March 2011

Upload log at:

<http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at:

<http://www.rsgbcc.org/hf/rules/2011/r80mc.c.shtml>

**NAQCC Straight Key/Bug Sprint**

00:30 - 02:30 UTC 17 March

Mode: CW

Bands: 80, 40 and 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country  
and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-  
member; 2 points per QSO with member

Multipliers: Each state, province or country  
once

Key Type Mult: 2 x if straight key, 1.5 x if  
bug, 1 x if other

Score Calculation: Total score = total QSO  
points x total mults x key type mult

Submit logs by: 23:59 UTC 20 March 2011

E-mail logs to:

[naqcc33\[at\]windstream\[dot\]net](mailto:naqcc33[at]windstream[dot]net)

Upload log at:

<http://naqcc.n4lcd.com/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E.  
High St., Kittanning, PA 16201, USA

Find rules at:

<http://naqcc.info/sprint201103.html>

**QRP Fox Hunt**

01:00 - 02:30 UTC 18 March

Mode: CW

Bands: 40 m Only

Classes: Single Op - Fox or Hound

Max power: 5 watts





Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 19 March 2011

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

[http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

NCCC Sprint

02:00 - 03:00 UTC 18 March

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 March 2011

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

10-10 International Mobile Contest

00:01 - 23:59 UTC 19 March

Mode: Any

Bands: 10 m Only

Classes: Individual; Club; QRP

Max power: QRP: 10 watts

Exchange: Name, state, province or country, 10-10 number and US, VE or G county

QSO Points: 1 point per QSO

Multipliers: Counties

Score Calculation: Fixed: Total score = total QSO points x total mults

Mobile: Total score = total QSO points x (total mults and counties activated)

Submit logs by: 2 April 2011

E-mail logs to:

tentencontest[at]roadrunner[dot]com

Mail logs to: Dan Morris, KZ3T, 131 Valencia Lane, Statesville, NC 28625, USA

Find rules at:

<http://www.ten->

[ten.org/Forms/QSOPartyRules\\_082710.pdf](http://www.ten-ten.org/Forms/QSOPartyRules_082710.pdf)

BARTG HF RTTY Contest

02:00 UTC 19 March to 02:00 UTC 21 March

Mode: RTTY

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op Expert All Band; Single Op All Band; Single Op All Band 6 Hours; Single Op Single Band; Multi-Single; Multi-Multi; SWL

Max operating hours: Single Op: 30 hours with at least 3 hour rest period; Single Op 6 Hours: 6 hours; Multi-Op: 48 hours

Exchange: RST, serial no and 4-digit time (UTC)

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: DXCC countries once per band; JA, W, VE and VK areas once per band; Continents once regardless of band

Score Calculation: Total score = total QSO points x total country/area mults x continents

Submit logs by: 1 May 2011

E-mail logs to: logs[at]bartg[dot]org[dot]uk

Mail logs to: (none)

Find rules at:

<http://www.bartg.org.uk/documents/Contests/HF/BARTG%20HF%20RTTY%20Contest%20rules%202011.pdf>

Feld Hell Sprint

12:00 - 14:00 local 19 March

Mode: Feld Hell

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 1 April 2011

E-mail logs to: (none)

Post log summary at:

<http://sites.google.com/site/feldhellclub/Home/contests>





Mail logs to: (none)

Find rules at:

<http://sites.google.com/site/feldhellclub/Home/contests>

Russian DX Contest

12:00 UTC 19 March to 12:00 UTC 20 March

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: Single Op All Band Mixed - QRP, Low or High; Single Op All Band CW - Low or High; Single Op All Band SSB - Low or High; Single Op Single Band Mixed; Multi-Single; Multi-Two; SWL

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Ru: RS(T) and 2-character oblast; non-Ru: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: Ru Stations: 2 points per QSO with same country same continent; Ru

Stations: 5 points per QSO with same country different continent; Ru Stations: 3

points per QSO with different country same continent; Ru Stations: 5 points per QSO with

different continent; non-Ru Stations: 10 points per QSO with Ru station; non-Ru

Stations: 2 points per QSO with same country; non-Ru Stations: 3 points per QSO

with different country same continent; non-Ru Stations: 5 points per QSO with different

continent; 5 points per QSO with /MM

Multipliers: Each oblast once per band; Each country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 3 April 2011

E-mail logs to: [logs\[at\]rdxc\[dot\]org](mailto:logs[at]rdxc[dot]org)

Upload log at:

<http://www.rdxc.org/asp/pages/wwwlog.asp>

Mail logs to: (none)

Find rules at:

<http://www.rdxc.org/asp/pages/rulesg.asp>

Oklahoma QSO Party

13:00 UTC 19 March to 02:00 UTC 20 March and 13:00 - 19:00 UTC 20 March

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10 and 6 m

Classes: Single Op - QRP, Low or High; Multi-Single; Rover-Assisted; Rover-Unassisted;

Rover-Multi-Xmtr; Rover-High Power

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: OK: RS(T) and County; non-OK: RS(T) and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 3 points per Digital/CW QSO

Multipliers: OK: Each state, province, OK county once; non-OK: OK counties once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 April 2011

E-mail logs to: [okqlogs\[at\]suddenlink\[dot\]net](mailto:okqlogs[at]suddenlink[dot]net)

Mail logs to: Oklahoma QSO Party, Connie Marshall, K5CM, 2991 S. Woodland Rd., Muskogee, OK 74403, USA

Find rules at:

<http://okdxa.org/web/html/rules11.htm>

Virginia QSO Party

18:00 UTC 19 March to 01:00 UTC 21 March

Mode: CW, Phone, Digital

Bands: All, except WARC

Classes: Single Op - Fixed, Mobile or Expedition - High, Low or QRP - Multi-Band or

Single-Band - CW, Phone, Digital or Mixed; Multi-Single - Fixed, Mobile or Expedition -

High, Low or QRP - Multi-Band or Single-Band - CW, Phone, Digital or Mixed; Multi-Multi -

Fixed, Mobile or Expedition - High, Low or QRP - Multi-Band or Single-Band - CW, Phone,

Digital or Mixed

Max power: HP: >150 watts; LP: 150 watts;

QRP: 5 watts

Exchange: VA: Serial no and county; non-VA: Serial no and state, province or "DX"

Work stations: Once per band per mode

Score Calculation: (see rules)

Submit logs by: 15 April 2011

E-mail logs to: [vqp\[at\]verizon\[dot\]net](mailto:vqp[at]verizon[dot]net)

Mail logs to: VA QSO Party, Call Box 599, Sterling, VA 20167, USA

Find rules at:

[http://www.qsl.net/sterling/VA\\_QSO\\_Party/2011\\_VQP/2011\\_VQP\\_Rules.html](http://www.qsl.net/sterling/VA_QSO_Party/2011_VQP/2011_VQP_Rules.html)





**North Dakota QSO Party**

18:00 UTC 19 March to 18:00 UTC 20 March

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, 6 and 2 m

Classes: Fixed; Mobile; Out of State

Exchange: ND: RS(T) and County; non-ND:

RS(T) and state, province or country

Work stations: Once per band per mode

QSO Points: 1 point per QSO

Multipliers: ND Stations: each state, country and ND county once; Non-ND Stations: each ND county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 May 2011

E-mail logs to: wOnd[at]arrl[dot]org

Mail logs to: WOND, c/o Lynn Nelson, 6940 4th St. SW, Minot, ND 58701, USA

Find rules at:

<http://www.wOcq.com/ndqso2011.pdf>

**Run for the Bacon QRP Contest**

01:00 - 03:00 UTC 21 March

Mode: CW

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and Member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once

Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 27 March 2011

E-mail logs to: (none)

Upload log at:

<http://www.fpgrp.com/autolog.php>

Mail logs to: (none)

Find rules at:

<http://www.fpgrp.com/fpqrprun.php>

**Bucharest Contest**

16:00 - 17:29 UTC 21 March and 17:30 - 18:59

UTC 21 March

Mode: CW, SSB

Bands: 80 m Only

Classes: Single Op QRP; Single Low Power (LPI); Multi-Op (LPC); SWL

Max power: LP: 100 watts; QRP: 5 watts

Exchange: YO3: RS(T), QSO No and Sector; non-YO: RS(T), QSO No and "AA"

Work stations: Once per mode

QSO Points: 2 points per QSO: YO3 - YO3 or YO - YO/AA; 4 points per QSO: YO3 - YO/AA

Multipliers: Each YO area once per contest segment; Each YO3 sector; Each AA once

Score Calculation: Total score = total score of each segment (total QSO points x total mults)

Submit logs by: 31 March 2011

E-mail logs to: feny03jw[at]yahoo[dot]com

Mail logs to: Bucharest Contest, Feny0 Stefan Pit, CP 19-43, 033210 Bucuresti 19, Romania

Find rules at:

<http://www.bucuresti.110mb.com/Regulament%20Bucuresti%20engleza.pdf>

## *Next Week's Contests*

SKCC Sprint, 00:00 - 02:00 UTC 23 March

RSGB 80 m Club Championship, SSB, 20:00 - 21:30 UTC 24 March

CQ WW WPX Contest, SSB, 00:00 UTC 26 March to 23:59 UTC 27 March

QRP Homebrewer Sprint, 00:00 - 04:00 UTC 28 March

SARL 80 m Club Championship, Digital, 17:30 - 18:30 UTC 30 March

## *History This Week*







A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 14 March 2011.

- 0721 BC - First recorded lunar eclipse noted in Babylon
- 1794 - Eli Whitney patents the cotton gin
- 1845 - Rubber band patented by Stephen Perry of London
- 1877 - Commencement of 1st Test Cricket, Australia vs England at MCG
- 1896 - Prof Bragg X-rays his son William's injured elbow, a first for Australia
- 1902 - N. Stubblefield does the first ship to shore wireless telephone broadcast
- 1909 - Einar Dessau of Denmark radios to a government radio post 10 km away. This is believed to have been the first broadcast by a radio amateur operator
- 1910 - Harry Houdini makes Australia's first powered flight in Victoria
- 1916 - Anzac Corps lands in France during WW1.

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

### *SARL 80 m Club Championship*

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The SARL 80 Metre Club Championship is a series of short weekday evening contests on 80 m based around competition between affiliated radio clubs. Individual scores in every event count towards a radio club's overall score so it is important for the club to get members to come on the air during as many sessions and as many modes as possible.

The second contest for 2011 is the Digital (PSK31 and RTTY) contest that will be run from 17:30 UTC (19:30 CAT) to 18:30 UTC (20:30 CAT) on Wednesday 30 March 2011. The exchange is a RS(T) and a consecutive serial number starting at 001. Participation can be as a Single Operator or Multi-operator station.

The following segment must be utilised for the contest - Data modes 3580 - 3620 kHz  
Note: The frequency segment 3580 to 3585 kHz is reserved for PSK31 operation - stations operating PSK should transmit only between these limits. Stations operating RTTY should not attempt to make QSOs in this 5 kHz segment.

Stations score one (1) point per contact. A participant may be contacted twice on data modes (once on RTTY, once on PSK). In the data modes contests, contact may be on RTTY or PSK only. The same station may be worked on both RTTY and PSK.

Each session is a contest in its own right, and log entries must be submitted to zs4bfn@netactive.co.za within seven (7) days of the contest. The closing time and date is 23:59:59 on Wednesday 6 April.

In order to count towards the total for an affiliated radio club, the radio club name must be clearly indicated on the entry, and one of the entries submitted must be the radio clubs call sign. Radio clubs may wish to appoint a co-ordinator who can ensure that entries contain all required in-forma-tion and are submitted on time.

At the end of the programme in November, the affiliated radio club whose members have made the highest aggregate score will be awarded the Affiliated Club trophy.

